# Searching PAJ MENU | NEWS | HELP |

***************************************		
Searc	ch Results: 1 Index Indication Clear	
Text Search	If you want to conduct a Number Search, please click on the button to the right.	lumber Search
Applicant,Title	e of invention, Abstract e.g. computer semiconduct	tor
	OR operation, please leave a SPACE between keywords. topwords are not searchable.	
photodetecto	ors	AND 🕶
	AND	
handheld		AND 🕶
	AND	
		AND 🕶
	AND	
Date of public	ation of application e.g.19980401 - 19980405	
	- ]	
	AND	
IPC e.g. D01B7	//04 A01C11/02	
If you use the OR op	peration, please leave a SPACE between keywords.	
	Search Stored data	

Copyright (C); 1998,2003 Japan Patent Office

No. Publication No.

Title

1. <u>06 - 043030(1994)</u> PORTABLE SPECTROPHOTOMETER

Copyright (C); 1998,2003 Japan Patent Office

## **Searching PAJ**

	MENU NEWS HELP	
Searc	ch Results : 2 Index Indication Clear	
Text Search	If you want to conduct a Number Search, please click on the button to the right.	ımber Search
Applicant,Title	e of invention,Abstract e.g. computer semiconducto	or
•	OR operation, please leave a SPACE between keywords. topwords are not searchable.	
sensors		AND 🕶
	AND	
handheld		AND 🔻
	AND	
light		AND ♥
	AND	
Date of public	ation of application — e.g.19980401 - 19980405	
	-	
	AND	
IPC e.g. D01B7	7/04 A01C11/02	
If you use the OR o	peration, please leave a SPACE between keywords.	

Copyright (C); 1998,2003 Japan Patent Office

Search

Stored data

No. Publication No.

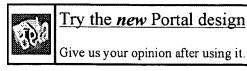
Title

- 1. 2003 204466 METHOD AND HANDHELD DEVICE FOR ACQUIRING IMAGE OF OBJECT BY CONNECTING A PLURALITY OF PICTURES
- 2. 2002 111970 OPTICAL INFORMATION READ DEVICE

Copyright (C); 1998,2003 Japan Patent Office



> home > about > feedback > login



#### Search Results

Canada wikhila Danidka

Search Results for: [(sensors AND light AND mobile)]

Found **428** of **122,783 searched.** 

Warning: Maximum result set of 200 exceeded. Consider refining.

Search v	vitnin F	kesuits								_	c t		<ul> <li>Advanced Search</li> </ul>	:
> Search Help/Tips								tioning.		23 <b>-</b>	Advanced Search	·		
Sort by:	Title	Publica	ation	Pub	lica	tion	Da	ite	S	cor	е	•••••		
Results 1	- 20 of	200	Short Prev Page	listi 1 2	ing	4	5	6	7	8	9	10	C Next Page	

**1** Building efficient wireless sensor networks with low-level naming

94%

John Heidemann , Fabio Silva , Chalermek Intanagonwiwat , Ramesh Govindan , Deborah Estrin , Deepak Ganesan

ACM SIGOPS Operating Systems Review , Proceedings of the eighteenth ACM symposium on Operating systems principles October 2001 Volume 35 Issue 5

In most distributed systems, naming of nodes for low-level communication leverages topological location (such as node addresses) and is independent of any application. In this paper, we investigate an emerging class of distributed systems where low-level communication does not rely on network topological location. Rather, low-level communication is based on attributes that are *external* to the network topology and *relevant* to the application. When combined with dense deployment of n ...

Location: Secure verification of location claims

92%

Naveen Sastry , Umesh Shankar , David Wagner

Proceedings of the 2003 ACM workshop on Wireless security September 2003 With the growing prevalence of sensor and wireless networks comes a new demand for location-based access control mechanisms. We introduce the concept of secure location verification, and we show how it can be used for location-based access control. Then, we present the Echo protocol, a simple method for secure location verification. The Echo protocol is extremely lightweight: it does not require time synchronization, cryptography, or very precise clocks. Hence, we believe that it is well suited ...

Sensor databases: The design of an acquisitional query processor for

92%

ৰী sensor networks

Samuel Madden, Michael J. Franklin, Joseph M. Hellerstein, Wei Hong

#### Proceedings of the 2003 ACM SIGMOD international conference on on Management of data June 2003

We discuss the design of an acquisitional query processor for data collection in sensor networks. Acquisitional issues are those that pertain to where, when, and how often data is physically acquired (sampled) and delivered to query processing operators. By focusing on the locations and costs of acquiring data, we are able to significantly reduce power consumption over traditional passive systems that assume the a priori existence of data. We discuss simple extensions to SQL for co ...

**4** Embedded hardware design case studies: Design techniques for sensor 91% appliances: foundations and light compass case study

Jennifer L. Wong , Seapahn Megerian , Miodrag Potkonjak

Proceedings of the 40th conference on Design automation June 2003

We propose the first systematic, sensor-centric approach for quantitative design of sensor network appliances. We demonstrate its use by designing light appliance devices and the associated middleware. We have developed five models which are required to make this problem tractable and to undertake the challenging task of designing light sensor appliances: (i) physical world, (ii) light sensor, (iii) physical phenomenon, (iv) appliance design, and (v) computational model. With these models in pla ...

**5** SensorSim: a simulation framework for sensor networks

91%

Sung Park , Andreas Savvides , Mani B. Srivastava

Proceedings of the 3rd ACM international workshop on Modeling, analysis and simulation of wireless and mobile systems August 2000

The advent of wireless micro sensors promises many yet unrealized benefits. A network of such sensors or "sensor network" introduces a new set of challenges. Besides being able to communicate effectively, sensor networks have demanding sensing tasks. First, they must be aware of their environment and oftentimes are required to adapt to their surroundings. Second, they must coordinate among them to perform a greater group-sensing task. In this context, the study of sensor network ...

**6** Next century challenges: mobile networking for "Smart Dust"

90%

J. M. Kahn , R. H. Katz , K. S. J. Pister

Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking August 1999

Physical interface: TAG: a Tiny AGgregation service for ad-hoc sensor

89%

∢ networks

Samuel Madden, Michael J. Franklin, Joseph M. Hellerstein, Wei Hong **ACM SIGOPS Operating Systems Review** December 2002

Volume 36 Issue SI

We present the Tiny AGgregation (TAG) service for aggregation in low-power, distributed, wireless environments. TAG allows users to express simple, declarative queries and have them distributed and executed efficiently in networks of low-power, wireless sensors. We discuss various generic properties of aggregates, and show how those properties affect the performance of our in network approach. We include a performance study demonstrating the advantages of our approach over traditional centralize ...

8 Session D: Link layer: Low power rendezvous in embedded wireless ৰী networks

89%

Terry Todd, Frazer Bennett, Alan Jones

#### Proceedings of the 1st ACM international symposium on Mobile ad hoc networking & computing November 2000

In the future, wireless networking will be embedded into a wide variety of common, everyday objects [1]. In many embedded networking situations, the communicating nodes will be very small and battery powered. For this reason, it is crucial that power consumption is as low as possible. A technique for reducing power consumption is to place nodes into a sleep mode whenever possible, and have them occasionally awaken to interact with other nodes. This type of action is referred to as a node ...

**9** Sensing techniques for mobile interaction

89%

Ken Hinckley , Jeff Pierce , Mike Sinclair , Eric Horvitz

Proceedings of the 13th annual ACM symposium on User interface software and technology November 2000

**10** People, places, things: web presence for the real world

89%

Tim Kindberg , John Barton , Jeff Morgan , Gene Becker , Debbie Caswell , Philippe Debaty, Gita Gopal, Marcos Frid, Venky Krishnan, Howard Morris, John Schettino, Bill Serra, Mirjana Spasojevic

Mobile Networks and Applications October 2002

Volume 7 Issue 5

The convergence of Web technology, wireless networks, and portable client devices provides new design opportunities for computer/communications systems. In the HP Labs' "Cooltown" project we have been exploring these opportunities through an infrastructure to support "web presence" for people, places and things. We put web servers into things like printers and put information into web servers about things like artwork; we group physically related things into places embodied in web servers. Using ...

11 Immersion in the world: First steps towards mutually-immersive mobile 88% 4 telepresence

Norman P. Jouppi

Proceedings of the 2002 ACM conference on Computer supported cooperative work November 2002

Mutually-Immersive Mobile Telepresence uses a teleoperated robotic surrogate to visit remote locations as a substitute for physical travel. Our goal is to recreate to the greatest extent possible, both for the user and the people at the remote location, the sensory experience relevant for business interactions of the user actually being in the remote location. The system includes multi-channel bidirectional video and audio on a mobile platform as well as haptic feedback. This paper describes our ...

12 Sensor networks: Lightweight sensing and communication protocols for 88%

বী target enumeration and aggregation

Qing Fang, Feng Zhao, Leonidas Guibas

Proceedings of the 4th ACM international symposium on Mobile ad hoc networking & computing June 2003

The development of lightweight sensing and communication protocols is a key requirement for designing resource constrained sensor networks. This paper introduces a set of efficient protocols and algorithms, DAM, EBAM, and EMLAM, for constructing and maintaining sensor aggregates that collectively monitor target activity in the environment. A sensor aggregate comprises those nodes in a network that satisfy a grouping predicate for a collaborative processing task. The parameters of the predicate de ...

88%

13 Multi-sensor context-awareness in mobile devices and smart artifacts

Hans W. Gellersen , Albercht Schmidt , Michael Beigl

Mobile Networks and Applications October 2002

Volume 7 Issue 5

The use of context in mobile devices is receiving increasing attention in mobile and ubiquitous computing research. In this article we consider how to augment mobile devices with awareness of their environment and situation as context. Most work to date has been based on integration of generic context sensors, in particular for location and visual context. We propose a different approach based on integration of multiple diverse sensors for awareness of situational context that can not be inferre ...

**14** Exploiting space and location as a design framework for interactive

88%

x 1. 444

ৰী mobile systems

Alan Dix , Tom Rodden , Nigel Davies , Jonathan Trevor , Adrian Friday , Kevin Palfreyman ACM Transactions on Computer-Human Interaction (TOCHI) September 2000 Volume 7 Issue 3

This article considers the importance of context in mobile systems. It considers a range of context-related issues and focus on location as a key issue for mobile systems. A design framework is described consisting of taxonomies of location, mobility, population, and device awareness. The design framework inorms the construction of a semantic model of space for mobile systems. The semantic model is reflected in a computational model built on a distriuted platform that allows contextual info ...

**15** Routing, coverage, and topology control: Parametric probabilistic sensor 87% 🖈 network routing

Christopher L. Barrett, Stephan J. Eidenbenz, Lukas Kroc, Madhav Marathe, James P.

Proceedings of the 2nd ACM international conference on Wireless sensor networks and applications September 2003

Motivated by realistic sensor network scenarios that have misinformed nodes and variable network topologies, we propose a fundamentally different approach to routing that combines the best features of limited-flooding and information-sensitive path-finding protocols into a reliable, low-power method that can make delivery quarantees independent of parameter values or information noise levels. We introduce Parametric Probabilistic Sensor Network Routing Protocols, a family of lightweight ...

16 Physical interface: Fine-grained network time synchronization using

87%

ৰী reference broadcasts

Jeremy Elson, Lewis Girod, Deborah Estrin

**ACM SIGOPS Operating Systems Review** December 2002

Volume 36 Issue SI

Recent advances in miniaturization and low-cost, low-power design have led to active research in large-scale networks of small, wireless, low-power sensors and actuators. Time synchronization is critical in sensor networks for diverse purposes including sensor data fusion, coordinated actuation, and power-efficient duty cycling. Though the clock accuracy and precision requirements are often stricter than in traditional distributed systems, strict energy constraints limit the resources available ...

17 Research challenges in wireless networks of biomedical sensors

87%

Loren Schwiebert , Sandeep K.S. Gupta , Jennifer Weinmann

Proceedings of the 7th annual international conference on Mobile computing and networking July 2001

Implanted biomedical devices have the potential to revolutionize medicine. Smart sensors, which are created by combining sensing materials with integrated circuitry, are being considered for several biomedical applications such as a glucose level monitor or a retina prosthesis. These devices require the capability to communicate with an external computer system (base station) via a wireless interface. The limited power and computational capabilities of smart sensor based biological imp ...

**18** Illustrative risks to the public in the use of computer systems and

85%

related technology Peter G. Neumann

**ACM SIGSOFT Software Engineering Notes** January 1996

Volume 21 Issue 1

19 Teaching Context to Applications

85%



Kristof Van Laerhoven , Kofi Aidoo

Personal and Ubiquitous Computing January 2001

Volume 5 Issue 1

Although mobile devices keep getting smaller and more powerful, their interface with the user is still based on that of the regular desktop computer. This implies that interaction is usually tedious, while interrupting the user is not really desired in ubiquitous computing. We propose adding an array of hardware sensors to the system that, together with machine learning techniques, make the device aware of its context while it is being used. The goal is to make it learn the context-descriptions ...

20 Maté: a tiny virtual machine for sensor networks

85%



Philip Levis , David Culler

Tenth international conference on architectural support for programming languages and operating systems on Proceedings of the 10th international conference on architectural support for programming languages and operating systems (ASPLOS-X) October 2002

Volume 37, 30, 36 Issue 10, 5, 5

Composed of tens of thousands of tiny devices with very limited resources ("motes"), sensor networks are subject to novel systems problems and constraints. The large number of motes in a sensor network means that there will often be some failing nodes; networks must be easy to repopulate. Often there is no feasible method to recharge motes, so energy is a precious resource. Once deployed, a network must be reprogrammable although physically unreachable, and this reprogramming can be a significan ...

Results 1 - 20 of 200

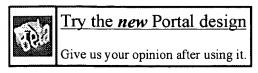
short listing

♦ Prev Page 1 3 4 5 6 7 8 9 10

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM, Inc.



> home : > about : > feedback US Patent & Trademark Office



Search Results

Search Results for: [(photodetectors AND light AND mobile)] Found 6 of 122,783 searched.

Sparch	within	Decu	ilte
SHALLI	WHITIII	$R = S \cup S$	

> Advanced Search

> Search Help/Tips

**Publication Date Score** Publication Sort by: Title

Binder

Results 1 - 6 of 6 short listing

1 Optical interference produced by artificial light

85%

Adriano J. C. Moreira , Rui T. Valadas , A. M. de Oliveira Duarte Wireless Networks May 1997

Volume 3 Issue 2

Wireless infrared transmission systems for indoor use are affected by noise and interference induced by natural and artificial ambient light. This paper presents a characterisation (through extensive measurements) of the interference produced by artificial light and proposes a simple model to describe it. These measurements show that artificial light can introduce significant in-band components for systems operating at bit rates up to several Mbit/s. Therefore it is essential to include it ...

2 ASK digital demodulation scheme for noise immune infrared data d communication

85%

Hiroshi Uno, Keiji Kumatani, Hiroyuki Okuhata, Isao Shirakawa, Toru Chiba Wireless Networks May 1997

Volume 3 Issue 2

A high performance architecture is proposed for the ASK (Amplitude Shift Keying) digital demodulation, which is dedicated to the noise immune wireless infrared data communication. In this architecture, an infrared subcarrier detected by a photodetector is digitized into TTL interface level pulses, and the digitized subcarrier is demodulated by a 1-bit digital demodulator. To improve the noise immunity against fluorescent lamps, the optical noises from the lamps are analyzed and the behavior ...

3 Next century challenges: mobile networking for "Smart Dust"

82%

J. M. Kahn , R. H. Katz , K. S. J. Pister Proceedings of the 5th annual ACM/IEEE international conference on Mobile computing and networking August 1999

4 Image Models Narendra Ahuja, B. J. Schachter 77%



77% **5** Smart pixel implementation of a 2-D parallel nucleic wavelet transform বা for mobile multimedia communications

A. M. Rassau, K. Eshraghian, H. Cheung, S. W. Lachowicz, T. C. B. Yu, W. A. Crossland, T. D. Wilkinson

Proceedings of the conference on Design, automation and test in Europe February 1998

A novel Smart Pixel Opto-VLSI architecture to implement a complete 2-D wavelet transform of real-time captured images is presented. The Smart Pixel architecture enables the realization of a highly parallel, compact, low power device capable of realtime capture, compression, decompression and display of images suitable for Mobile Multimedia Communication applications.

6 Automating road surface analysis

77%

L. Donnell Payne

Proceedings of the 1992 ACM/SIGAPP symposium on Applied computing: technological challenges of the 1990's March 1992

#### Results 1 - 6 of 6 short listing

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2003 ACM,

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Public	Xplore®	ds Conferences	Careers/Jobs United States P	Welcome ratent and Trademark Office
Help FAQ Terms IE	RELEASE 1.5  EE Peer Review Quick L	inks	~	» Se
Welcome to IEEE Xplores  - Home - What Can I Access? - Log-out  Tables of Contents - Journals & Magazines - Conference	Your search matched 2 of 98 A maximum of 2 results are	displayed, <b>25</b> to a pa by editing the current display <and> mob</and>	search expression	evance in descending order. In or entering a new one the text box.  Search Again
Conference Proceedings Standards  Search By Author Basic Advanced		Optics, Optical S adband Optical N	Sensing in Ser	ommunicator niconductor Manufacturing, E 0. Digest of the LEOS Summe
Member Services  Join IEEE Establish IEEE Web Account  Access the IEEE Member Digital Library  Print Format	2 <b>Sensor based cre</b> <i>El-Hakim, S.F.; Boula</i>	anger, P.; Blais, MultiMedia, 1991	r virtual env	
	[Abstract] [PDF Ful	-Text (968 KB)]	IEEE CNF	

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search | Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting | No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2003 IEEE - All rights reserved

IEEE HOME | SEARCH IEEE | SHOP | WEB ACCOUNT | CONTACT IEEE



Membership Public	ations/Services Standards Conferences Careers/Jobs
	Welcome United States Patent and Trademark Office
Help FAQ Terms IEI	EE Peer Review Quick Links » Se
Welcome to IEEE Xplores  - Home - What Can I Access? - Log-out  Tables of Contents - Gonference Proceedings - Standards  Search - By Author - Basic	Your search matched 76 of 987057 documents.  A maximum of 76 results are displayed, 15 to a page, sorted by Relevance in descending order. You may refine your search by editing the current search expression or entering a new one the text box. Then click Search Again.  (sensors <and> light <and> mobile)  Results: Journal or Magazine = JNL Conference = CNF Standard = STD  1 Adaptative smart imager for pulse structured light vision  Lavainne, F.; Ni, Y.; Devos, F.; de Carne, P.; Circuits and Systems, 1994. ISCAS '94., 1994 IEEE International Symposium on Volume: 5 , 30 May-2 June 1994  Page(s): 41 -44 vol.5</and></and>
O- Advanced	[Abstract] [PDF Full-Text (188 KB)] IEEE CNF
Member Services	[Abstract] [FDI Tull-Text (100 ND)] IEEE CIVI
O- Join IEEE O- Establish IEEE Web Account O- Access the IEEE Member Digital Library	2 Active infrared sensors for mobile robots  Korba, L.; Elgazzar, S.; Welch, T.;  Instrumentation and Measurement, IEEE Transactions on , Volume: 43 Issue: 2 1994  Page(s): 283 -287
Print Format	
	[Abstract] [PDF Full-Text (408 KB)] IEEE JNL
	Range and contour fused environment recognition for mobile robot Kyung-Hoon Kim; Hyung Suck Cho; Multisensor Fusion and Integration for Intelligent Systems, 2001. MFI 2001. International Conference on , 20-22 Aug. 2001 Page(s): 183 -188

[Abstract] [PDF Full-Text (453 KB)] IEEE CNF

#### 4 Action-oriented sensor fusion for telesystems

Murphy, R.R.;

Telesystems Conference, 1992. NTC-92., National , 19-20 May 1992

Page(s): 10/11 -10/14

#### [Abstract] [PDF Full-Text (296 KB)] IEEE CNF

#### 5 Active infrared sensors for robotics

Korba, L.; Elgazzar, S.; Welch, T.; Instrumentation and Measurement Technology Conference, 1993. IMTC/93.

Conference Record., IEEE, 18-20 May 1993

Page(s): 589 -594

#### [Abstract] [PDF Full-Text (528 KB)] **IEEE CNF**

#### 6 Multiple sensor processing for high-precision navigation and environmental modeling with a mobile robot

Weckesser, P.; Dillmann, R.; Elbs, M.; Hampel, S.; Intelligent Robots and Systems 95. 'Human Robot Interaction and Cooperative Robots', Proceedings. 1995 IEEE/RSJ International Conference on , Volume: 1

Aug. 1995

Page(s): 453 -458 vol.1

#### [Abstract] [PDF Full-Text (608 KB)] IEEE CNF

#### 7 IECON '98. Proceedings of the 24th Annual Conference of the IEEE **Industrial Electronics Society (Cat. No.98CH36200)**

Industrial Electronics Society, 1998. IECON '98. Proceedings of the 24th Annual Conference of the IEEE, Volume: 1, 31 Aug.-4 Sept. 1998

#### [Abstract] [PDF Full-Text (2112 KB)] IEEE CNF

### 8 Behaviours implemented using a vision system based on coded light projection

Ridao, P.; Salvi, J.; Batlle, J.;

Underwater Applications of Image Processing (Ref. No. 1998/217), IEE Colloqui

on , 25 March 1998

Page(s): 7/1 -7/6

#### [Abstract] [PDF Full-Text (568 KB)] IEE CNF

#### 9 A micro photosynthetic electrochemical cell

Lam, K.B.; Mu Chiao; Liwei Lin;

Micro Electro Mechanical Systems, 2003. MEMS-03 Kyoto. IEEE The Sixteenth A International Conference on , 19-23 Jan. 2003

Page(s): 391 -394

#### [Abstract] [PDF Full-Text (354 KB)] IEEE CNF

## 10 Real-time recognition of corridor under varying lighting conditions f autonomous vehicle

Minami, M.; Agbanhan, J.; Suzuki, H.; Asakura, T.;

Intelligent Vehicles Symposium, 2000. IV 2000. Proceedings of the IEEE , 3-5 O 2000

Page(s): 320 -325

#### [Abstract] [PDF Full-Text (616 KB)] IEEE CNF

11 The evolution of an artificial compound eye by using adaptive hardw Lichtensteiger, L.; Salomon, R.;

Evolutionary Computation, 2000. Proceedings of the 2000 Congress on , Volum 16-19 July 2000

Page(s): 1144 -1151 vol.2

#### [Abstract] [PDF Full-Text (700 KB)] IEEE CNF

12 Dynamic stability analysis and control for the mobile manipulator.

Yangmin Li;

Electrical and Computer Engineering, 2002. IEEE CCECE 2002. Canadian Confer

on , Volume: 1 , 12-15 May 2002

Page(s): 554 -559 vol.1

#### [Abstract] [PDF Full-Text (495 KB)] IEEE CNF

#### 13 Structured light patterns for robot mobility

Le Moigne, J.J.; Waxman, A.M.;

Robotics and Automation, IEEE Journal of [see also IEEE Transactions on Robot

Automation], Volume: 4 Issue: 5, Oct. 1988

Page(s): 541 -548

#### [Abstract] [PDF Full-Text (972 KB)] IEEE JNL

## 14 Barrier sensor based on plastic optical fiber to determine the wind s at a wind generator

Zubia, J.; Aresti, O.; Arrue, J.; Lopez-Amo, M.;

Selected Topics in Quantum Electronics, IEEE Journal on , Volume: 6 Issue: 5 ,

Oct. 2000

Page(s): 773 -779

#### [Abstract] [PDF Full-Text (200 KB)] IEEE JNL

### 15 Coaxial range measurement - current trends for mobile robotic applications

Adams, M.D.;

Sensors Journal, IEEE, Volume: 2 Issue: 1, Feb. 2002

Page(s): 2 -13

[PDF Full-Text (187 KB)] IEEE JNL [Abstract]

#### 1 <u>2 3 4 5 6 [Next]</u>

Home | Log-out | Journals | Conference Proceedings | Standards | Search by Author | Basic Search | Advanced Search Join IEEE | Web Account | New this week | OPAC Linking Information | Your Feedback | Technical Support | Email Alerting No Robots Please | Release Notes | IEEE Online Publications | Help | FAQ | Terms | Back to Top

Copyright © 2003 IEEE — All rights reserved

# Searching PAJ MENU 1 NEWS 1 HELD 1

WENU NEWS HELF	
Search Results: 1 Index Indication	Clear
Text Search  If you want to conduct a Number Search, please click on the button to the right.	Number Search
Applicant, Title of invention, Abstract e.g. computer semicon	nductor
If you use the AND/OR operation, please leave a SPACE between keywords. One letter word or Stopwords are not searchable.	
laptop	AND 💌
AND	
light	AND 🔻
AND	
sensors	AND ▼
AND	
Date of publication of application e.g.19980401 - 19980405	
-	
AND	
IPC — e.g. D01B7/04 A01C11/02	
If you use the OR operation, please leave a SPACE between keywords.	
Search Stored data	

Copyright (C); 1998,2003 Japan Patent Office

No. Publication No.

Title

1. 11 - 298412(1999) OPTICAL TRANSMISSION SYSTEM OF DEVICE

Copyright (C); 1998,2003 Japan Patent Office

## **Searching PAJ**

MENU NEWS HELP	
Search Results: 7 Index Indication	Clear
Text Search  If you want to conduct a Number Search, please click on the button to the right.	M
Applicant, Title of invention, Abstract — e.g. computer semico	onductor
If you use the AND/OR operation, please leave a SPACE between keywords. One letter word or Stopwords are not searchable.	
photodetector	AND -
AND	
display	AND 🕶
AND	
mobile	AND 🕶
AND	
Date of publication of application e.g.19980401 - 19980405	5
-	
AND	
IPC e.g. D01B7/04 A01C11/02	
If you use the OR operation, please leave a SPACE between keywords.	
Search Stored data	

Copyright (C); 1998,2003 Japan Patent Office

No. Publication No.

Title

- 1. 04 029001(1992) LENGTH MEASURING INSTRUMENT FOR MOBILE OBJECT
- 2. <u>63 019529(1988)</u> METHOD AND DEVICE FOR AUTOMATICALLY FACING WITH HEADLIGHT TESTER
- 3. 62 015408(1987) MEASURING INSTRUMENT FOR INCLINATION OF BURIED PIPE
- 4. 61 166234(1986) INFORMATION TRANSMITTER OF MOBILE BODY
- 5. 60 154256(1985) LIGHT TABLE
- 6. 59 004342(1984) OPTICAL COMMUNICATION DEVICE
- 7. 55 089754(1980) SPEED MEASURING UNIT

Copyright (C); 1998,2003 Japan Patent Office

28 results found in the Worldwide database for: "sensors AND light AND mobile" in the title or abstract (Results are sorted by date of upload in database)

#### 1 Organic light sensors for use in a mobile communication device

Inventor: OSTERGARD TONI (FI)

Applicant: NOKIA CORP (US) IPC: G06K7/10; G06K7/14

EC:

2 FACILITY MEASURING COURSE ANGLE OF MOBILE MACHINE (VARIANTS)

Inventor: PAVLJUK A S; PAVLJUK S A

Applicant: ALTAJSKIJ G TEKHN UNIVERSITE; T IM I I

**POLZUNOVA** 

EC:

IPC: G01C17/34

Publication info: RU2202768 - 2003-04-20

Publication info: US2003121976 - 2003-07-03

3 HYBRID COMMUNICATION TERMINAL - ALARM SYSTEM

Inventor: GAVRILA MARIAN (CA); PATULEA GABRIEL (CA)

Applicant: GAVRILA MARIAN (CA); PATULEA GABRIEL (C

EC: IPC: G08B1/08; G08B19/00; (+5)

Publication info: CA2418612 - 2003-06-09

4 TRACKING SYSTEMS

Inventor: DORRINGTON PETER LENNOX (ZA)

Applicant: DORRINGTON PETER LENNOX (ZA)

EC:

IPC: G06F17/60

Publication info: W003005277 - 2003-01-16

5 Cellular mobile phone alarm system

Inventor: JONES WILLIAM ROBERT (GB)

Applicant: JONES WILLIAM ROBERT (GB)

EC:

IPC: H04M11/04

Publication info: GB2376120 - 2002-12-04

6 SELF-CONTAINED RECHARGING DEVICE FOR PORTABLE TELEPHONE AND/OR BATTERY AND/OR PROTECTIVE CASE

Inventor: BARGUIRDJIAN PASCAL (FR)

Applicant: SARL TECKNISOLAR SENI (FR)

EC:

IPC: H02J7/35; H02J7/14

Publication info: CA2305228 - 2000-02-10

7 METHOD FOR SUBSCRIBING TELECOMMUNICATION DEVICES AT COOPERATING STATIONS CONNECTABLE TO THE TELECOMMUNICATION DEVICES BY WIRELESS TELECOMMUNICATION IN WIRELESS TELECOMMUNICATION SYSTEMS, PARTICULARLY DECT MOBILE PARTS AT DECT BASE STATIONS IN DECT SY...

Inventor: KAMPERSCHROER ERICH (DE)

Applicant: SIEMENS AG (DE)

EC:

**IPC:** H04Q7/38

Publication info: CA2303785 - 1999-03-25

8 MOBILE PHONE WITH IMPROVEMENTS

Inventor: TIVERON EGIDIO (IT)

Applicant: TIVERON EGIDIO (IT)

EC: IPC: H04M1/02

Publication info: W00209396 - 2002-01-31

Reaction vessel for automatic analysis has reading window at filling opening surrounded by opaque coating for accurate detection of emitted luminescence in black chamber formed within vessel

Inventor: GICQUEL THIERRY; LENTWOJT EDOUARD

Applicant: BIOTROL DIAGNOSTIC (FR)

EC:

EC:

IPC: G01N21/03; G01N35/00

Publication info: FR2783321 - 2000-03-17

10 Portable telephone system for emergency telephone calls

Inventor: PEUDEPIECE GERARD

Applicant: PEUDEPIECE GERARD (FR)

IPC: H04M11/00; H04Q7/24

Publication info: FR2768283 - 1999-03-12

28 results found in the Worldwide database for: "sensors AND light AND mobile" in the title or abstract (Results are sorted by date of upload in database)

#### 11 Portable telephone for motorist or remote walker making emergency calls

**Inventor: PEUDEPIECE GERARD** 

Applicant: PEUDEPIECE GERARD (FR)

FC:

IPC: H04M11/00

Publication info: FR2768282 - 1999-03-12

#### 12 Control system for regulating access to reserved car parking places

Inventor: KOVATCHITCH MAURICE

Applicant: KOVATCHITCH MAURICE (FR)

EC:

IPC: G08C19/00; G08G1/133

Publication info: FR2763725 - 1998-11-27

#### Apparatus for telemetering interaction forces between the foot and the ground in a subject walking

Inventor: FADDA ANTONELLO (IT); MACELLARI VELIO (IT) Applicant: IST SUPERIORE SANITA (IT)

EC:

IPC: A61B5/103; G01L1/20

Publication info: EP0846441 - 1998-06-10

#### 14 Optomechanical device and applications to optical integrated sensors

Inventor: REVOL-CAVALIER FREDERIC (FR); LABEYE PIERRE Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)

(FR)

EC:

**IPC:** G02B6/36 ; G02B6/28 ; (+2)

Publication info: **EP0806687** - 1997-11-12

#### PROCEDURE AND DEVICE FOR ADJUSTING VEHICLE DRIVING BEAMS OR **UPPER BEAMS**

**Inventor: SCARICA ROBERTO** 

Applicant: TECNOTEST S R L

EC:

**IPC:** B600

Publication info: IT1270502 - 1997-05-06

#### Electro-optical device for detecting the presence of a body at an adjustable distance, with background suppression

Inventor: BRANDSTETTER REINER (DE); LANDOLFI MARCO Applicant: DATALOGIC SPA (IT)

(IT); (+1)

EC:

**IPC:** G01S17/02 ; G01S7/481

Publication info: EP0801315 - 1997-10-15

#### 17 Presence detector for mobile storage systems

Inventor: SMITH JAK L (US)

Applicant: KARDEX SYSTEMS INC (US)

IPC: G01V8/22

Publication info: US5670778 - 1997-09-23

#### Method for regulating a process for the separation of isomers of aromatic hydrocarbons having from 8 to 10 carbon atoms

Inventor: HOTIER GERARD (FR); ZANIER NATHALIE (FR);

Applicant: INST FRANCAIS DU PETROL (FR)

(+2)

EC:

IPC: C07C7/00

Publication info: US5569808 - 1996-10-29

#### 19 Automatic tracking mobile platform

Inventor: DONG DAWEI (US)

Applicant:

IPC: G05D1/02; G08C17/00

Publication info: US5517098 - 1996-05-14

## 20 Mobile robot guidance and navigation system

Inventor: MATTABONI PAUL J (US)

EC:

Publication info: US5165064 - 1992-11-17

Applicant: CYBEROTICS INC (US)

IPC: G06F15/50

28 results found in the Worldwide database for: "sensors AND light AND mobile" in the title or abstract (Results are sorted by date of upload in database)

#### 21 Absorbance modulated fluorescence detection methods and sensors

Inventor: WALT DAVID R (US)

Applicant: TUFTS COLLEGE (US)

EC:

IPC: G01N21/00; G01N33/53; (+1)

Publication info: US5143853 - 1992-09-01

#### 22 Dual bumper-light curtain obstacle detection sensor

Inventor: PONG WILLIAM (US); STACY ROBERT G (US);

Applicant: TRANSITIONS RESEARCH CORP (US)

(+1)

EC:

IPC: G01V9/04

Publication info: US4968878 - 1990-11-06

#### 23 Dual bumper-light curtain obstacle detection sensor

Inventor: PONG WILLIAM (US); STACY ROBERT G (US);

Applicant: TRANSITIONS RESEARCH CORP (US)

(+1)

EC:

IPC: G01V9/04

Publication info: US4958068 - 1990-09-18

## Radiative and non-radiative energy transfer and absorbance modulated

fluorescence detection methods and sensors

Inventor: WALT DAVID R (US)

Applicant: TUFTS COLLEGE (US)

EC:

**IPC:** G01N33/544 ; G01N21/76 ; (+1)

Publication info: US4822746 - 1989-04-18

#### 25 Apparatus for measuring torque on a rotating shaft

Inventor: MOORE EDDIE C (US); MOORE JEFF D (US); (+2) Applicant: MOORE EDDIE C (US); MOORE JEFF D (US)

EC:

IPC: G01L3/12; G01L3/24

Publication info: US4520681 - 1985-06-04

## DEVICE AND PROCESS FOR MEASURING AND CALCULATING

GEOMETRICAL PARAMETERS OF AN OBJECT

Inventor: SACHS CARSTEN (DE); WENKE OLIVER (DE); (+1) Applicant: SACHS CARSTEN (DE); WENKE OLIVER (DE);

IPC: G01B11/24; G01B11/00

IPC: D01H15/013; D01H13/16; (+4)

Publication info: WO9527184 - 1995-10-12

#### Spinning station fault finding operation - uses sensors on robot and circuitry to determine if yarn is moving or stationary or if the yarn is broken

Inventor: CITTERIO GIORGIO (CH); AMMANN PATRICK (CH) Applicant: RIETER AG MASCHF (CH)

Publication info: **DE4312026** - 1993-10-21

#### Optical position sensor for determining deviation from perpendicular - has opaque cylindrical housing with central light source and freely suspended

annulus for differential illumination of photosensors

Inventor: JUNGO DANIEL

Applicant: DANIEL JUNGO

FC:

IPC: G01C9/06; G01C15/10

Publication info: CH682016 - 1993-06-30

2 results found in the Worldwide database for: "photodetectors AND handheld" in the title or abstract (Results are sorted by date of upload in database)

#### 1 Flow cytometers and detection system of lesser size

Inventor: HUH DONGEUN (US); TUNG YI-CHUNG (US); (+4) Applicant:

EC: IPC: G01N33/48 ; G01N21/63

Publication info: US2003054558 - 2003-03-20

#### 2 HANDHELD COLOR MEASUREMENT INSTRUMENT

Inventor: PETERSON STEVEN H; BAKER DOUGLAS V; (+1) Applicant: X RITE INC (US)

EC: IPC: G01J3/50

Publication info: W00157484 - 2001-08-09

10 results found in the Worldwide database for: "photodetectors AND mobile" in the title or abstract (Results are sorted by date of upload in database)

#### 1 Control device with mobile component mounted on a ball pivot

Inventor: ROBERT EMMANUEL (FR)

Applicant:

EC:

IPC: G06M7/00

Publication info: US2003034442 - 2003-02-20

#### Method and device for controlling the position of an optical beam incident on

a track of a mobile carrier

Inventor: GRAFFOULIERE PHILIPPE (FR)

Applicant: ST MICROELECTRONICS SA (FR)

EC:

IPC: G11B7/00

Publication info: US6452878 - 2002-09-17

#### 3 OPTICAL DISPLACEMENT TRANSDUCER

Inventor: KUZNETSOV V A; VOLKOV JU V; (+1)

Applicant: SAMARSKIJ G TEKHN UNIVERSITE

EC:

IPC: G01B11/00

Publication info: RU2164662 - 2001-03-27

#### 4 OPTICAL MEMORY UNIT

Inventor: PETROV VJACHESLAV VASIL EVICH (UA); FEDOROVApplicant: NY (UA); INST REGISTRATSII INF AN UKRAI (

VIKTOR NIKOLAEVICH (UA); (+4)

Publication info: **RU2102795** - 1998-01-20

**IPC:** G11B7/00 ; G11B7/09

#### 5 DEVICE WHICH READS INFORMATION FROM MOBILE OBJECTS

Inventor: KOZYREV A B

Applicant: PREDPRIJATIE A & P; TOVARISHCHESTVO S

OGRANICHENNO

EC:

EC:

IPC: G06K7/08

Publication info: RU2121713 - 1998-11-10

#### 6 Slit-type sun sensor having a plurality of slits

Inventor: PEZANT CHRISTIAN (FR)

Applicant: PHILIPS CORP (US)

EC:

IPC: G01J1/20

Publication info: US5844232 - 1998-12-01

#### 7 Optomechanical device and applications to optical integrated sensors

Inventor: REVOL-CAVALIER FREDERIC (FR); LABEYE PIERRE Applicant: COMMISSARIAT ENERGIE ATOMIQUE (FR)

(FR)

Publication info: **EP0806687** - 1997-11-12

**IPC:** G02B6/36 ; G02B6/28 ; (+2)

### Automatic machine for butt welding of two optical fibres

Inventor: JURCZYSZYN MICHEL; HAKOUN ROLAND

Applicant: LYONNAISE TRANSMISS OPTIQUES (FR)

EC:

IPC: C03B23/20 ; G02B6/36

Publication info: FR2563209 - 1985-10-25

#### A process and device for measuring and processing the displacements between two or more points in structures, buildings, machinery or the like.

Inventor: TOMIOLO ANDREA

Applicant: CARPIO SRL (IT)

EC:

IPC: G01C15/00

Publication info: EP0275511 - 1988-07-27

Instrument for measuring surface inclination - has mobile arm with internal source emitting light along arm axis and array of photodetectors giving signal related to arm position

Inventor: ARTHO FELIX; OTHENIN ALAIN-GIRARD

Applicant: FELIX ARTHO; ALAIN OTHENIN GIRARD

EC:

IPC: G01C9/06; G05D1/00

Publication info: CH669996 - 1989-04-28

0 results found in the Worldwide database for: "sensors AND light AND laptop" in the title or abstract (Results are sorted by date of upload in database)